

Macy
SECRET

OUT 53939
18 AUG 1964
HFS

1964 AUG 17 23 09Z

P 172136Z
FM NPIC WASHDC
TO RUCSBR/SAC OFFUTT AFB OMAHA NEB
RUCVAA/4080 STRAT WG OL 19 BARKSDALE AFB LA
RUCVAA/2D RTS BARKSDALE AFB LA
RUEAHQ/DIA WASHDC
RUECYH/NAVRECONTECHSUPPCEN SUITLAND MD
RUWBKN/15TH AF MARCH AFB RIVERSIDE CALIF
RUWGAA/2AF BARKSDALE AFB LA

BT
S E C R E T CITE NPIC 2772

15TH AF (FOR DI), SAC (FOR DIM/GOLDEN TREE/DOCR, DM 4) 2D AF (FOR DI).

1. CAMERA B 101 WAS USED IN MISSION 3935 FLOWN ON 15 AUGUST
1964. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN.

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE IS ADEQUATE EXCEPT THE BEGINNING OF THE
MISSION WHERE THE NEGATIVE APPEARS UNDEREXPOSED. THE RESOLUTION
IS FAIR TO GOOD. DEGRADATION IS PRIMARILY DUE TO UNDEREXPOSURE
AND GROUND HAZE ENCOUNTERED DURING EARLY MORNING HOURS.

B. 9R SIDE: PRESSURE ROLLER STATIC (CHATTER) OCCURS ALONG
THE INBOARD EDGE OF THE FILM ON THE FIRST 576 FRAMES AND ALONG
THE OUTBOARD EDGE OF THE FILM ON THE FIRST 329 FRAMES OF THE MISSION.
NUMEROUS, FINE PLUS DENSITY STREAKS, ROUGHLY PARALLEL TO THE FILM
EDGES, OCCURS ACROSS THE ENTIRE FILM WIDTH FROM THE BEGINNING OF
THE MISSION TO THE HEAT SPLICE IN FRAME 675. MINUS DENSITY SPOTS,
SPACED 2.32" APART, OCCUR 1.74" FROM THE OUTBOARD EDGE OF THE FILM
ON FRAME 123. THERE IS A ROW OF PLUS DENSITY DOTS 1.74" FROM AND

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PARALLEL TO THE OUTBOARD EDGE OF THE FILM ON FRAMES 125 THROUGH 1070 (END). THESE DOTS ARE IN PAIRS SPACED 0.79" APART AND OCCUR EVERY 3.82". CRIMPS WITH ASSOCIATED FOG ARE OBSERVED ON FRAMES 126 AND 163. EDGE STATIC IS NOTED INTERMITTENTLY ALONG THE OUTBOARD EDGE OF THE FILM THROUGHOUT THE MISSION. FRAMES 253 THROUGH 263 ARE CRIMPED ALONG THE OUTBOARD EDGE. THE TITLING IS SMEARED ON FRAMES 383, 384 AND 856. CLEANING SOLVENT USED TO REMOVE A TITLING ERROR WAS SMEARED INTO THE FORMAT AREA ON FRAMES 1053 AND 1054. TRANSVERSE BANDS AND SMALL AREAS OF FOG APPEAR ON FRAMES 1068 AND 1069 WHICH ARE CHARACTERISTIC OF THE END OF THE MISSION. EIGHT OF THE NINE BREAKDOWN PARTS WERE RECEIVED UNTAPED CAUSING DIFFICULTY IN REMOVING THE REELS FROM THEIR CANS.

C. 9L SIDE: A FINE, INTERMITTENT SCRATCH IS PRESENT 0.45" FROM AND PARALLEL TO THE INBOARD EDGE OF THE FILM THROUGHOUT THE MISSION. SMALL "S" SHAPED PLUS DENSITY LINES OCCUR EVERY 2.0" AND EXTEND APPROXIMATELY 1.5" INTO THE FORMAT ON FRAMES 625, 626, 627 AND 699. A HEAT SPLICE IS PRESENT IN FRAME 469. A MANUFACTURE'S SPLICE IS PRESENT IN FRAME 1008. EVIDENCE OF MINUS DENSITY TRANSVERSE BANDING OCCURS ON FRAME 002. BREAKDOWN PART NINE WAS RECEIVED TAILS OUT.

D. BOTH SIDES: A FLARE IS PRESENT NEAR THE DATA CHAMBER AND EMANATING FROM THE INBOARD EDGE OF THE FILM. THIS FLARE,

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APPROXIMATELY ONE SQUARE INCH, IS MOST NOTICEABLE IN LOW DENSITY AREAS. EDGE STATIC IS NOTED INTERMITTENTLY ALONG THE INBOARD EDGE OF THE FILM THROUGHOUT. IMAGE MOTION IS NOTED ON 12 FRAMES OF THIS MISSION. THE SMEARING APPEARS TO BE ROLL ORIENTED AND IS POSSIBLY RELATED TO NECESSARY VEHICLE MANEUVERS. FRAMES ARE TITLED CONSECUTIVELY FROM 001 THROUGH 1070.

E. THERE WERE NO MAJOR CAMERA MALFUNCTIONS OR PROCESSING PROBLEMS ENCOUNTERED DURING THE MISSION.

3. POSITIVES:

A. PI SUITABILITY IS GOOD EXCEPT WHERE DEGRADED BY UNDER-EXPOSURE AND HAZE IN THE EARLY MORNING HOURS.

B. PRINTING AND PROCESSING ARE GOOD.

C. CLOUDS OBSCURE OR DEGRADE APPROXIMATELY 5 PERCENT OF THE MISSION.

S E C R E T

-END OF MESSAGE-

(ALSO PASSED CIA WATCH (CGS))